

Work Order ID 127963

127963

Page 1

Item ID: 647.1701

Revision ID:

Item Name: Skid Deflector Assembly

Start Date: 12/18/14 Start Qty: 7.00

Required Date: 12/18/14 Req'd Qty: 7.00

Reference: rework to 647.1700 rev.c

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

647.1700

C1

120

0.00

120

Small Fab

Small Fab

Memo

PULL FROM STOCK:
7 X 647.1701 M130388

REWORK TO 647.1700 REV.C

identify as 647.1702

130

QC5- Inspect part completeness to step on W/O 0.00

130

QC

Quality Control

Memo

0.00

Cancelled
Now 130097

15-02-23

Work Order ID 127963

December-18-14 11:21:20 AM

127963

Page 2

Item ID: 647.1701 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Skid Deflector Assembly
 Start Date: 12/18/14 Start Qty: 7.00 ***7*** Cust Item ID:
 Required Date: 12/18/14 Req'd Qty: 7.00 ***7*** Customer:
 Reference: rework to 647.1700 rev.c

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170		0.00							
170									
SprayPaint	Memo	0.00							
Spray Painting	***TOUCH UP WITH PRIMER ***								
	PRIMER BATCH: _____								
180	QC14- Inspect Spray Paint	0.00							
180									
QC	Memo	0.00							
Quality Control									
210	Identify as per dwg & Stock Location: _____	0.00							
210									
Packaging	Memo	0.00							
Packaging	REIDENTIFY USING NEW B/N								
	IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV								

N/A
DAS
9
9-89

Work Order ID 127963***127963***

Page 3

Item ID: 647.1701 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Skid Deflector Assembly
Start Date: 12/18/14 Start Qty: 7.00 ***7*** Cust Item ID:
Required Date: 12/18/14 Req'd Qty: 7.00 ***7*** Customer:
Reference: rework to 647.1700 rev.c

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
220	QC21- Final Inspection - Work Order Release	0.00							
220									
QC	Memo	0.00							
Quality Control									

W 15-02-23

Picklist Print

December-18-14 11:21:19 AM

Page 1

Work Order ID: 127963

127963

Parent Item: 647.1701

647 1701

Parent Item Name: Skid Deflector Assembly

Start Date: 12/18/14

Required Date: 12/18/14

Start Qty: 7.00

Required Qty: 7.00

Comments: IPP REV:A 12.10.04 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
647.1701		Manufactured	No				Each	6.0000		7			
647 1701									**				
Skid Deflector Assembly													

Location

Loc Qty

Loc Code

CCK044

6

124704

2

124707

2

124708

2

74 M130388

Linda Lacelle

From: qpulse@dartaero.com
Sent: December-18-14 10:23 AM
To: Eric Downing; Patrick Smith; Linda Lacelle
Subject: Action target date set
Attachments: Locate Record.qpulse

Details: An action target date has been set for the following Non Conformance

Number	CAR14-94
Report	Corrective Action Report
Process	Customer Complaint

Details	Metro received 647.7303 s/n 029, SO 117222, Dart PO24806, customer PO86871 & s/n 030, SO117412, Dart PO25009, customer PO87387. 647.1701 holes were 0.323" but should have been 0.257". Cause was found to be missing info on 647.1700 rev C dwg.
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Owner	Downing, Eric M
Target Date	1/16/2015

Type	Corrective Action
Number	5
Owner	Lacelle, Linda
Target Date	1/16/2015
Details	Rework existing stock per 647.1700 rev D.

M130388

127963

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 04679

SHEET 1 OF 1

DWG NO. 647.1700

REV: C

PREPARED BY: J. BECKER

DATE: 09/10/14

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: SKID DEFLECTOR ASSY

APPROVED BY:

ENGR

MFG

QC

EFF:

CURRENT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: REVISED BOM QUANTITY FOR 647.1702.

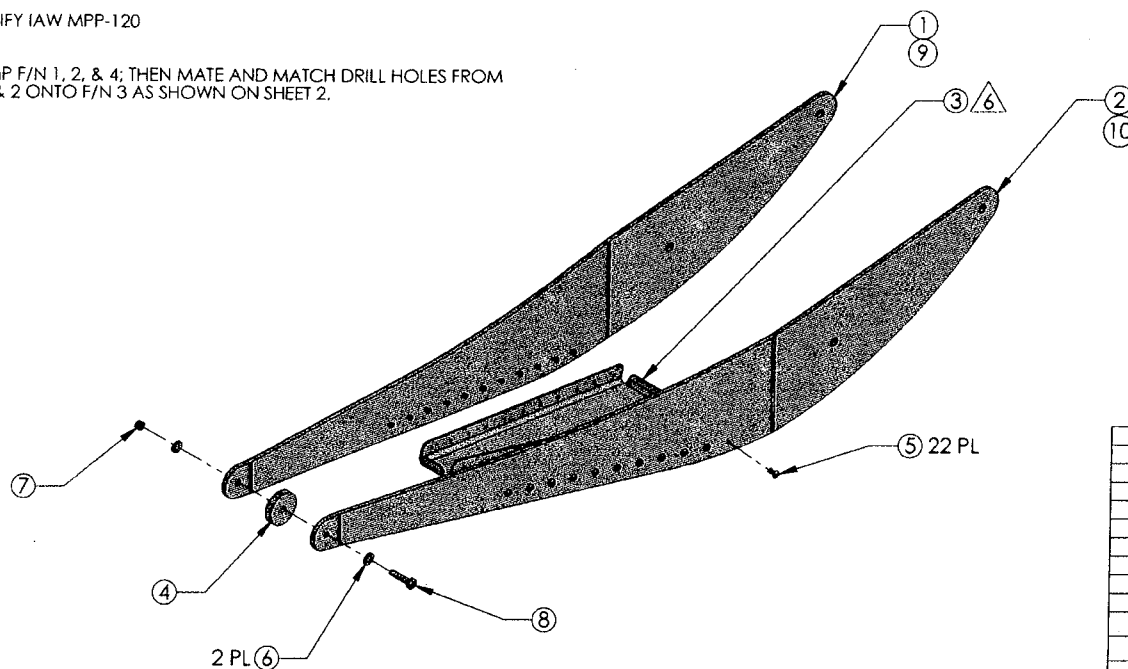
W/O
127963

6	R	601.1607	2	2	WASHER	NAS1149F0332P	
5	R	601.1915	22	22	RIVET	CR3213-4-4	
F/N	TC	PART NUMBER	QTY		DESCRIPTION	MATERIAL	SPECIFICATION
			.1702	.1701			
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED	
☐ MDL ☐ INSTALL INSTRUC ☐ ICA ☒ BOM					☐ MAJOR ☒ MINOR	☐ YES ☒ NO	

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NOTES:

- 1 MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-250/12
- 2 MATERIAL: 6061-T6 ALUMINUM BAR IAW AMS-QQ-A-250/11
- 3 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III CLASS 2, COLOR BLACK; PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER, COLOR BLUE; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 4 DEBURR AND BREAK ALL SHARP EDGES
- 5 IDENTIFY IAW MPP-120
- 6 CLAMP F/N 1, 2, & 4; THEN MATE AND MATCH DRILL HOLES FROM F/N 1 & 2 ONTO F/N 3 AS SHOWN ON SHEET 2.



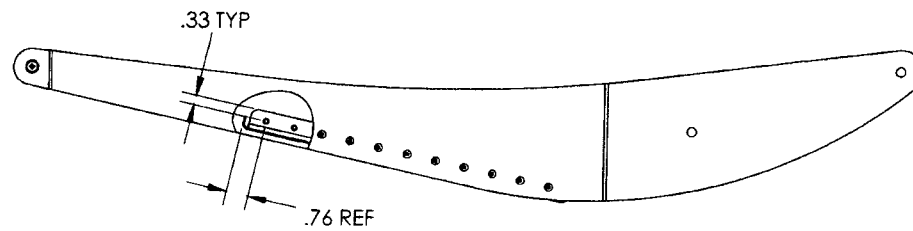
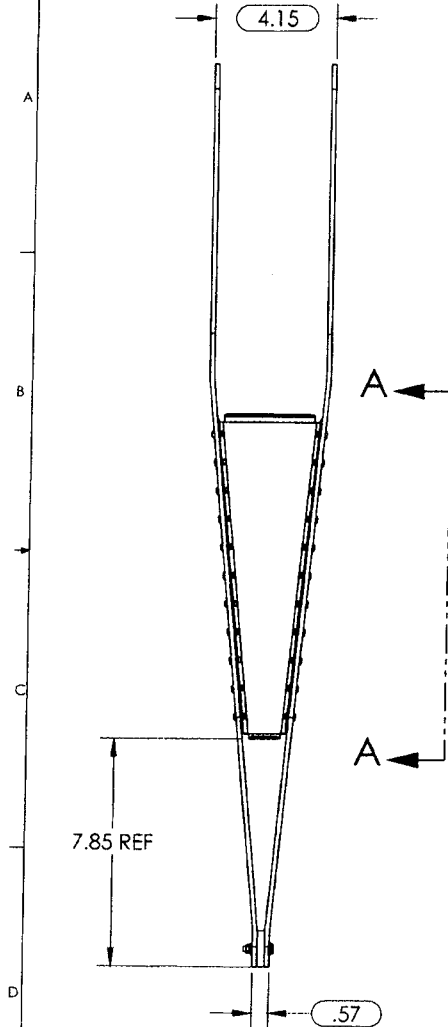
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
N/C	INITIAL RELEASE	06/05/09	P. BRAVO
A	INCORPORATED ECN'S 02937 & 03921	06/07/13	P. BRAVO
B	INCORPORATED ECN 03370	07/03/13	P. BRAVO
C	INCORPORATED ECN 04036	08/14/13	P. BRAVO

UNINCORPORATED ECN(S)

04679

1	10	647.1715	PLATE			
1	9	647.1714	PLATE			
1	1	8	601.1622	SCREW	MS27039-1-14	
1	1	7	601.2943	LOCKNUT	MS21042-3	
1	2	6	601.1607	WASHER	NAS1149F0332P	
1	22	5	601.1915	RIVET	CR3213-4-4	
1	1	4	647.1713	SPACER		
1	1	3	647.1712	GUSSET		
1	1	2	647.1711	PLATE		
1	1	1	647.1710	PLATE		
X			647.1702	SKID DEFLECTOR ASSY		
X			647.1701	SKID DEFLECTOR ASSY		
.1702	.1701	FIND #	PART #	DESCRIPTION	MATL	SPEC.
QTY			PARTS LIST			
NEXT ASSY (S)			APICAL INDUSTRIES			
647.1300			2608 TEMPLE HEIGHTS DR.			
			OCEANSIDE, CA. 92056-3512 (760)724-5300			
			SKID DEFLECTOR ASSY			
			UNLESS OTHERWISE SPECIFIED			
			DIMENSIONS ARE IN INCHES			
			FRACTIONS ARE 1/8"			
			2 PLACE DECIMALS ± .01			
			3 PLACE DECIMALS ± .005			
			ANGLES ± .5°			
			SCALE: NONE			
			SHEET 1 OF 5			

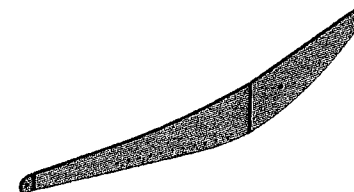
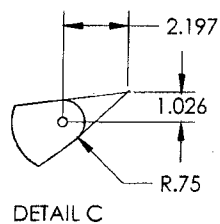
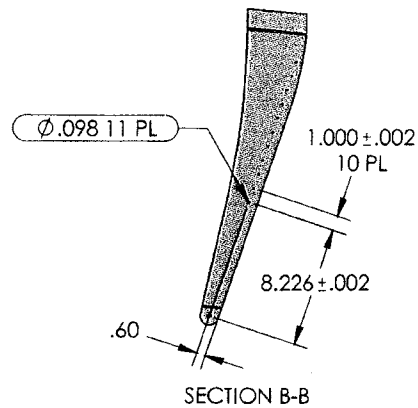
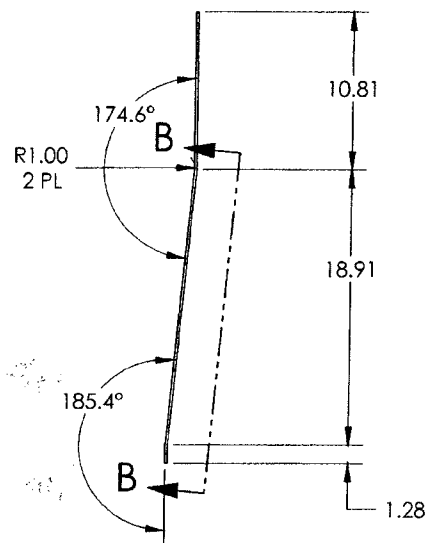
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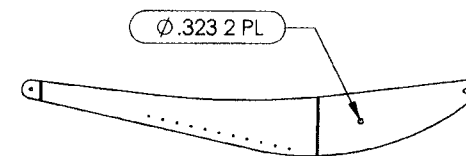
SECTION A-A

DESIGNER: DATE DRAWN BY: CHECKED I. GARDNER J. BPAVO DRAWING APPROVAL J. BPAVO CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED UNITS: INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.1°		SCALE: NONE	SHEET 2 OF 5
WIP 8	CAGE CODE 07M16	QTY: 100 647.1700	REV. C

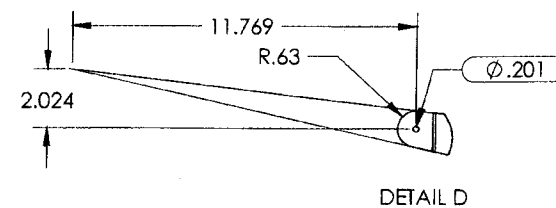
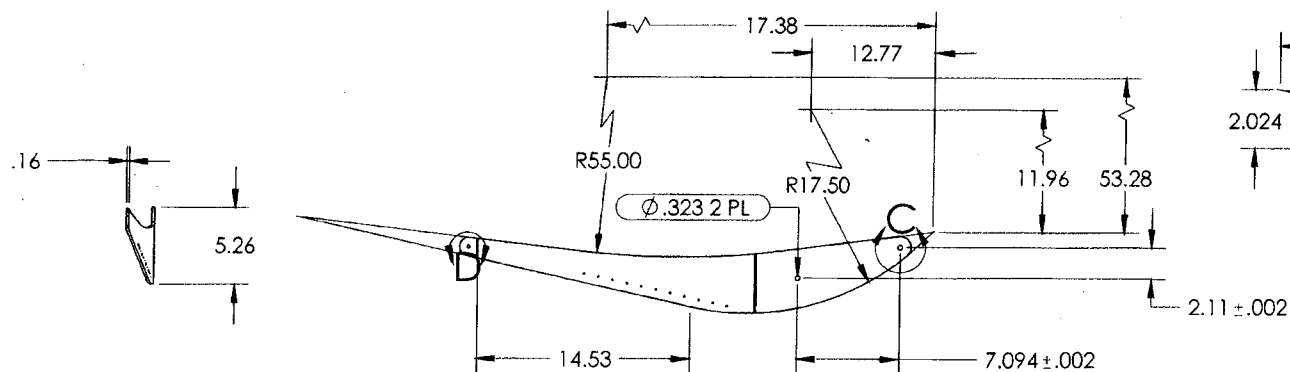
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647.1711 SHOWN
647.1710 OPPOSITE

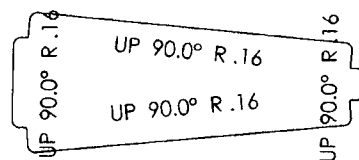
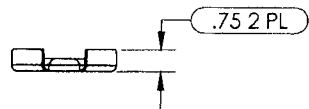
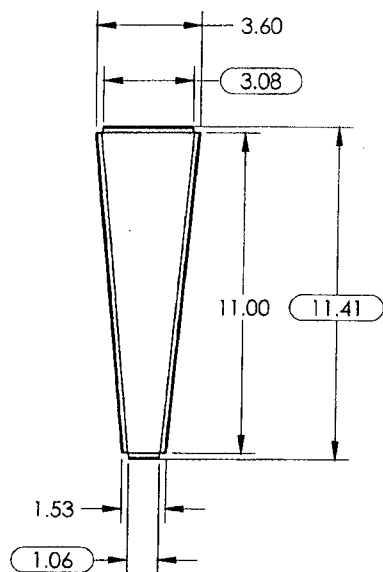


647.1714 SHOWN
647.1715 OPPOSITE

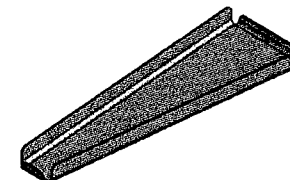
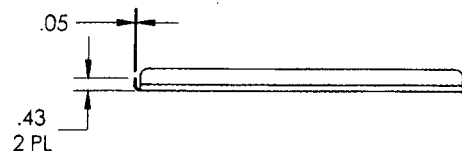
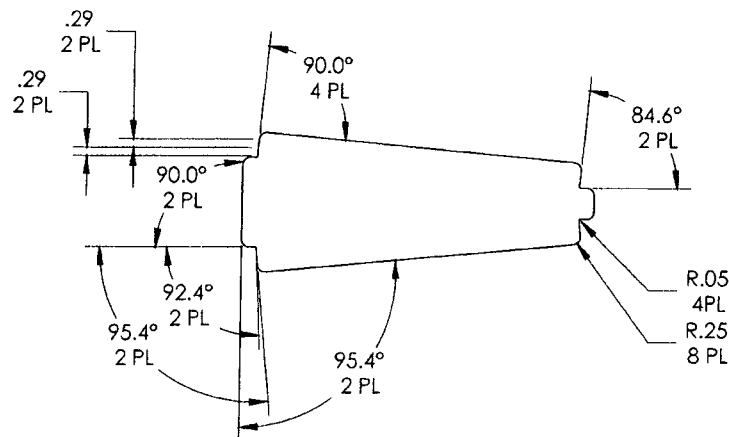


ORIGINAL DATE 10/24/2011		DESIGNED BY P. BRANTZ		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760) 724-5300	
DRAWN BY P. BRANTZ		CHECKED BY P. BRANTZ			
DRAWING APPROVAL P. BRANTZ					
CONTRACT NO.					
SKID DEFLECTOR ASSY					
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS ARE: FRACTIONS DECIMALS .005 ANGLES: 3/4"					
SHEET		PAGE CODE		DWG. NO.	
		07M26		647.1700	
SCALE: NONE				REV. C	
				SHEET 3 OF 5	

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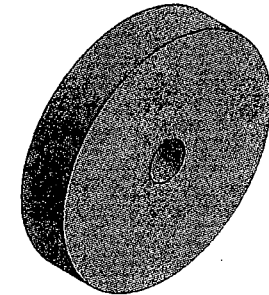
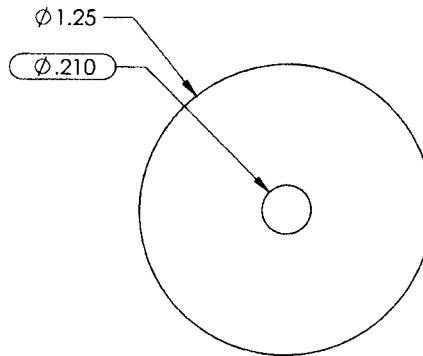
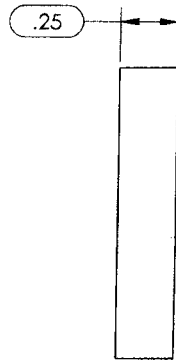
FLAT PATTERN



647.1712

ORIGINAL DATE: 08/01/04 DRAWN BY: J. GARDNER CHECKED BY: P. BLANG DESIGNED BY: P. BLANG DESIGNED APPROVAL: P. BLANG DESIGNED DATE: 08/01/04		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ± .01 2 PLACE DECIMALS ± .005 ANGLES ± 1°		SCALE: NONE	SHEET 4 OF 5
SIZE: B CAGE CODE: 07M26 DWS. NO.: 647.1700	REV. C	SKID DEFLECTOR ASSY	

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647.1713

ORIGINAL DATE (INCIDENTAL) SURGEON		APICAL INDUSTRIES	
DRAWN BY J. CARPHER P. BRAVO		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		SKID DEFLECTOR ASSY	
PROJECT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 1/16 FRACTIONS ARE 2 PLACE DECIMALS 1/32 3 PLACE DECIMALS 1/1000 ANGLES 3/4"		W/ PAGE CODE B 07M26	W/ NO. 647.1700
SCALE: NONE		SHEET 5 OF 5	